BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/03/2014-15, Date:31.10.2014.

ITEM NO: 38

SCHEDULE-B

NAME OF WORK: Improvements to roads & drain at 3rd Cross (Left side) 8th main road Bhuvaneshwari nagara in Ward No.14, Bagalagunte.

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor **K NAGARAJ**		
				In Figures (Rs.)	In Words (Rs.)	Cont. AMOUNT
1	2	3	4	5	6	9
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete as per specification and direction of Engineer-in-charge of the work.	Cum	10.26	65.0	Rupees Sixty Five Only	666.90
2	Removing B.S.Slab of drain and stacking etc., Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	30.78	55.0	Rupees Fifty Five Only	1692.90
3	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all. materials, labour, HOM of machinery, Complete as per specification and direction of Engineer-in-charge of the work.	Cum	11.11	4800.0	Rupees Four Thousand Eight Hundred Only	53328.00
4	Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, Complete as per specification and direction of Engineer-in-charge of the work.	Cum	4.42	5000.0	Rupees Five Thousand Only	22100.00
5	Refixing stone slabs of drains and pointing in CM 1:3 etc., Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	30.78	65.0	Rupees Sixty Five Only	2000.70

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7	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sq.mm with cement mortar 1:4 mixture (plain, chisel dressed) with solid concrete blocks of size 400x200x20 cms conforming to I.S. 2185 (1983 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specification and direction of Engineer-in-charge of the work.	Sqm	91.4	950.0	Rupees Nine Hundred Fifty Only	86830.00
8	Supplying and fixing precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	141.3	1300.0	Rupees One Thousand Five Hundred Only	211950.00
9	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	133.2	1380.0	Rupees One Thousand Three Hundred Eighty Only	183816.00
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous tratement including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	1850	3.0	Rupees Three Only	5550.00
11	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (exlcuding cleaning of road surface) including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	1815	18.0	Rupees Eighteen Only	32670.00

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12	Providing and laying semi dense bituminous concrete 25 to 30mm compacted thickness with 5% bitumen with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects with 80 / 100 grade bitumen with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work.	Cum	54.45	9750.0	Rupees Nine Thousand Seven Hundred Fifty Only	530887.50
13	Carraige of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead at Complete as per specification and direction of Engineer-in-charge of the work.	Cum	54.45	63.08	Rupees Sixty Three and Eight Paise Only	3434.71
14	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Complete as per specification and direction of Engineer-in-charge of the work.	Cum	10.26	65.0	Rupees Sixty Five Only	666.90
					Total	1148126.01
					Percentage	-3.04%

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Executive Engineer,
Dasarahalli Division,

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